

CHANNEL HOLDING FURNACE



1. Insulation:

- CERAMIC FIBRES behind bricks or CALDE® GUN MW STRONG LITE, secured by bricks or CALDE® GUN M 32

2. Hot face:

- CALDE® CAST UT 94 for steel alloys
- CALDE® CAST UB or CALDE® CAST LT 98 L as standard castable solution for iron alloys
- CALDE® MIX BC 90 Z R or CALDE® MIX SA 68 S as DVM options
- CALDE® CAST UB 75 S or CALDE® CAST LA 50 SZ for non-ferrous alloys

3. Inlet, outlet and slag door:

- CALDE® CAST UT 94 as standard castable solution

4. Cover:

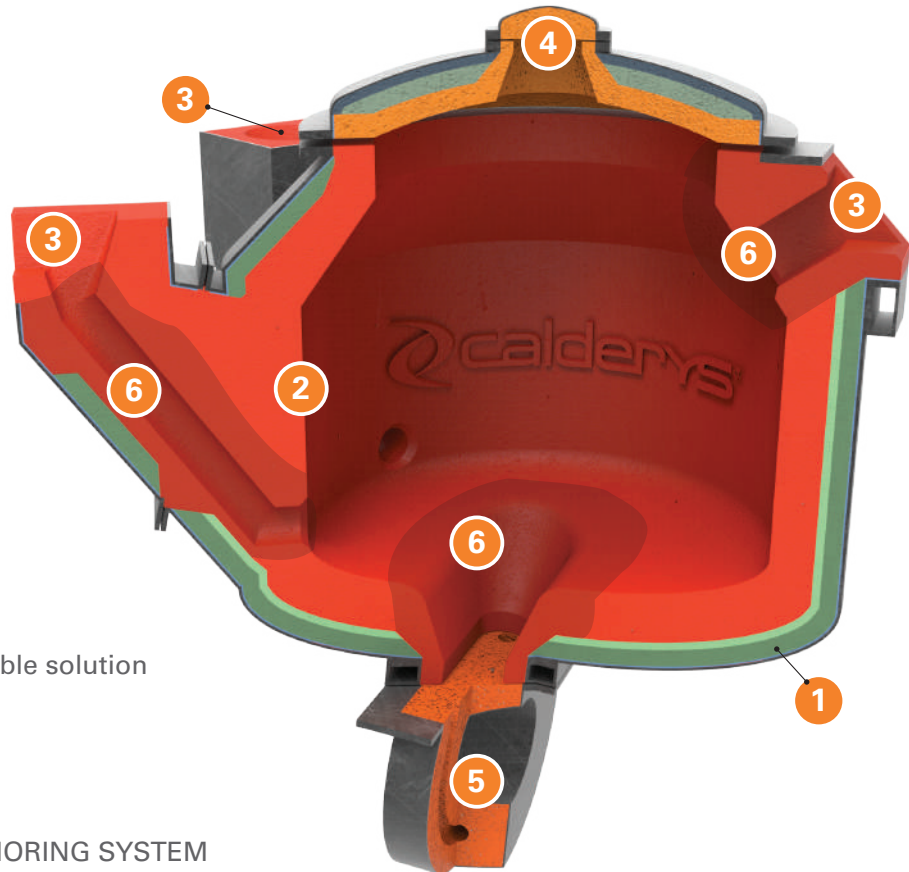
- CALDE® CAST F 65 with CALDE® ANCHORING SYSTEM on top of CERAMIC FIBRES and CALDE® GUN MW STRONG LITE, secured by bricks or CALDE® GUN M 32

5. Inductor:

- CALDE® MIX M S 86 BTI for iron alloys
- CALDE® MIX SC 86 NTI for steel alloys
- SILICA MIX B Cu 7 or CALDE® MIX BM 70 S for non-ferrous alloys

6. Repairs:

- CALDE® TROWEL SC 85 for all flange surfaces
- CALDE® TROWEL HC 90 U or CALDE® TROWEL PC 85 U for non-ferrous alloys
- CALDE® RAM PC 90 D or CALDE® RAM PB 89 for throat repairs



EQUIPMENT SPECIFICATIONS

PRODUCT NAME	Grain Size	Temp Limit	Yield (kg / dm ³)	Al ₂ O ₃	SiO ₂	SiC
CALDE® GUN MW STRONG LITE	4mm	1320	1.60	39	40	
CALDE® GUN M 32	3mm	1650	2.80	80	13	
CALDE® CAST UT 94	6mm	1800	3.15	93	6	
CALDE® CAST UB	6mm	1680	2.85	85	12	
CALDE® CAST LT 98 L	6mm	1850	3.15	98	0.2	
CALDE® MIX BC 90 Z R	6mm	1650	3.00	90	3	
CALDE® MIX SA 68 S	6mm	1670	2.60	67	29	2
CALDE® CAST UB 75 S	6mm	1650	2.75	77	11	8
CALDE® CAST LA 50 SZ	6mm	1650	2.70	50	28	10
CALDE® CAST UT 94	6mm	1800	3.15	93	6	
CALDE® CAST F 65	6mm	1460	2.30	64	30	
CALDE® MIX M S 86 BTI	5mm	1700	2.80	12	2	
CALDE® MIX SC 86 NTI	6mm	1700	3.00	86	1	
SILICA MIX B Cu 7	7mm	1580	2.24		90	7
CALDE® MIX BM 70 S	6mm	1600	2.50	68	22	5
CALDE® TROWEL SC 85	0.5mm	1600	2.70	86	9	
CALDE® TROWEL HC 90 U	3mm	1600		89	9	
CALDE® TROWEL PC 85 U	0.5mm	1650		86	10	
CALDE® RAM PC 90 D	6mm	1650	3.15	92	1	
CALDE® RAM PB 89	4mm	1700	2.90	81	11	

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